

FIG. 1

10 PLANNING TERMINAL APPARATUS
12 RECORDING/REPRODUCING APPARATUS
40 IMAGING APPARATUS
50 FIELD PC/PDA
20 MATERIAL GATHERING TERMINAL APPARATUS
30 EDITING TERMINAL APPARATUS
100 RECORDING/REPRODUCING APPARATUS

FIG. 4

102 EXTERNAL VIDEO INTERFACE
103 VIDEO COMPRESSION/DECOMPRESSION UNIT
140 VIDEO INTERFACE
105 OPERATOR UNIT INTERFACE
106 OPERATOR UNIT
107 EXTERNAL AUDIO INTERFACE
108 AUDIO PROCESSOR
109 AUDIO INTERFACE
110 CPU
130 PRINTER
132 PRINT CONTROL UNIT
134 PRINTER INTERFACE
112 STORAGE UNIT
124 LOADING MECHANISM

125 LOADING MECHANISM CONTROLLER
126 MECHANISM INTERFACE
123 PICKUP CONTROL
122 DATA PROCESSOR
121 DRIVE INTERFACE
140 METADATA PROCESSING UNIT
113 COMMUNICATION UNIT
115 LCD DISPLAY INTERFACE
114 LCD DISPLAY UNIT

FIG. 5

140 METADATA PROCESSING UNIT
142 METADATA EXTRACTING SECTION
144 METADATA CODING SECTION
146 METADATA EDITING SECTION
148 THUMBNAIL IMAGE EXTRACTING SECTION
149 PRINT LAYOUT ADJUSTING SECTION

FIG. 6

302 METADATA EXTRACTION WINDOW
<SELECT METADATA TO BE DISPLAYED>

ID	SCENARIO
TITLE	MATERIAL GATHERING MEMO
CAMERA OPERATOR	RECORDING CONDITION

REPORTER	FILE NAME
MATERIAL GATHERING LOCATION	SHOOT MARK
DATE	BARCODE
TIME	THUMBNAIL

START METADATA

FIG. 7

307 METADATA LAYOUT

File(F) Edit(E) View(V) Favorite(A) Tools(T) Help(H)

Adjust Position Adjust Font Adjust Color Ruled Line

ID	:2003-10
Title	:One hundred renowned mountains in Japan
Camera operator	:Yamada
Location	:Mt. Fuji
Date	:2003.2.15

START LAYOUT

FIG. 8

ID	:2003-10
TITLE	:ONE HUNDRED RENOWNED MOUNTAINS IN JAPAN

CAMERA OPERATOR :YAMADA
REPORTER :TAKAHASHI
LOCATION :Mt. FUJI
DATE :2003.2.15
MATERIAL GATHERING MEMO :SUNRISE WAS SEEN
EDITING MEMO :CUT TO 3 MINUTES

Fig. 9

TIME CODE	MATERIAL GATHERING MEMO
412: IN-POINT	414: OUT-POINT
HOUR :MINUTE :SECOND :FRAME	HOUR :MINUTE :SECOND :FRAME
	SECURITY COUNCIL SCENE
	INTERVIEW WITH PRIME MINISTER
	SPEECH OF PRESIDENT SCENE

FIG. 10

START AUTOMATIC DISPLAY
S100 LOAD OPTICAL DISK
S108 AUTOMATICALLY EXTRACT DATA TO BE DISPLAYED
S110 ENCODE METADATA
S112 EXTRACT THUMBNAIL IMAGES
S114 AUTOMATICALLY ADJUST PRINT LAYOUT
S116 PRINT DISPLAY DATA ONTO SHEET OF OPTICAL DISK
S118 UNLOAD OPTICAL DISK

END

FIG. 11

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START SEMI-AUTOMATIC DISPLAY
S200 LOAD OPTICAL DISK
S202 READ METADATA
S204 EDIT METADATA
S206 SPECIFY PRINT
S208 EXTRACT METADATA
S210 ENCODE METADATA
S212 EXTRACT THUMBNAIL IMAGES
S214 MANUALLY ADJUST PRINT LAYOUT
S216 PRINT DISPLAY DATA ONTO SHEET OF OPTICAL DISK
S218 UNLOAD OPTICAL DISK
END
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FIG. 12B

ID	:	2003-10
TTL	:	ONE HUNDRED RENOWNED MOUNTAINS IN JAPAN
CAM	:	YAMADA
REP	:	TAKAHASHI
PLC	:	Mt. FUJI
DAY	:	2003.2.15
MEMO	:	SUNRISE WAS SEEN

FIG. 13A

86a

ID : 2003-10
TTL : ONE HUNDRED RENOWNED MOUNTAINS IN JAPAN
CAM : YAMADA
REP : TAKAHASHI
PLC : Mt. Fuji
DAY : 2003.2.15

86b ONE HUNDRED RENOWNED MOUNTAINS IN JAPAN

FIG. 13B

CAM : YAMADA
PLC : Mt. FUJI
DAY : 2003.2.15

FIG. 13C

YAMADA

Mt. FUJI

H15.2.3